

DIRECT GAS BURNER TYPE FURNACE

5

ABSTRACT OF THE DISCLOSURE

10 A direct gas burner type furnaces for directly
heating articles 13 by combustion gas and then exhausting
the combustion gas outside the furnace, controls the
combustion rate of a gas burner 2 based on the furnace
temperature detected by a temperature sensor 3 in the
furnace, and controls the rotational speed of an exhaust
fan 8 based on the combustion rate to control the exhaust
15 rate of the combustion gas in the furnace. Accordingly,
it is possible to exhaust the combustion gas from the
furnace in correspondence with the introduction rate of
the combustion gas into the furnace and to prevent air at
a normal temperature from being sucked into the furnace.